

RAW SEQUENCE LISTING

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Application Serial Number: 10/585,693
Source: IFWP
Date Processed by STIC: 4/27/07

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IFWP

RAW SEQUENCE LISTING DATE: 04/27/2007
 PATENT APPLICATION: US/10/585,693 TIME: 11:46:24

Input Set : A:\10-585,693 Sequence Listing.txt
 Output Set: N:\CRF4\04272007\J585693.raw

3 <110> APPLICANT: KANEKA CORP.
 5 <120> TITLE OF INVENTION: TRANSGENIC BIRD AND METHOD OF CONSTRUCTING THE
 SAME
 7 <130> FILE REFERENCE: Q95455
 9 <140> CURRENT APPLICATION NUMBER: 10/585,693
 10 <141> CURRENT FILING DATE: 2006-07-10
 12 <150> PRIOR APPLICATION NUMBER: PCT/JP2004/016438
 13 <151> PRIOR FILING DATE: 2004-11-05
 15 <150> PRIOR APPLICATION NUMBER: JP 2004-003045
 16 <151> PRIOR FILING DATE: 2004-01-08
 18 <160> NUMBER OF SEQ ID NOS: 18
 20 <170> SOFTWARE: PatentIn version 3.3
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 28
 24 <212> TYPE: DNA
 25 <213> ORGANISM: Artificial Sequence
 27 <220> FEATURE:
 28 <223> OTHER INFORMATION: Designed sequence of a 5'-primer incorporating the
 Sal I
 29 recognition site at the 5' terminal used for PCR amplification of
 30 the chicken b-actin promoter fragment lacking the intron
 32 <400> SEQUENCE: 1
 33 acgcgtcgac gtgcatgcac gctcattg 28
 36 <210> SEQ ID NO: 2
 37 <211> LENGTH: 26
 38 <212> TYPE: DNA
 39 <213> ORGANISM: Artificial Sequence
 41 <220> FEATURE:
 42 <223> OTHER INFORMATION: Designed sequence of a 3'-primer incorporating the
 Sal I
 43 recognition site at the 5' terminal used for PCR amplification of
 44 the chicken b-actin promoter fragment lacking the intron
 46 <400> SEQUENCE: 2
 47 acgcgtcgac aacgcagcga ctcccg 26
 50 <210> SEQ ID NO: 3
 51 <211> LENGTH: 61
 52 <212> TYPE: DNA
 53 <213> ORGANISM: Artificial Sequence
 55 <220> FEATURE:
 56 <223> OTHER INFORMATION: Designed oligonucleotide acting as a sense chain
 in annealing to
 57 construct the coding fragment of the chicken lysozyme secretion
 58 signal
 60 <400> SEQUENCE: 3

61 ctagaccatg aggtcttgc taatcttggc gctttgcttc ctgccccctgg ctgctctggg 60
63 g 61
66 <210> SEQ ID NO: 4

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67 <211> LENGTH: 57
68 <212> TYPE: DNA
69 <213> ORGANISM: Artificial Sequence
71 <220> FEATURE:
72 <223> OTHER INFORMATION: Designed oligonucleotide acting as an anti-sense
chain in
73      annealing to construct the coding fragment of the chicken
74      lysozyme secretion signal
76 <400> SEQUENCE: 4
77 ccccagagca gccagggca ggaagcaaag caccaagatt agcaaagacc tcatggt      57
80 <210> SEQ ID NO: 5
81 <211> LENGTH: 26
82 <212> TYPE: DNA
83 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Designed sequence of a 5'-primer incorporating the
Dra I
87      recognition site at the 5' terminal used for PCR amplification of
88      the scFv coding fragment
90 <400> SEQUENCE: 5
91 gcgtttaaag tgacgttggc cgtccg      26
94 <210> SEQ ID NO: 6
95 <211> LENGTH: 29
96 <212> TYPE: DNA
97 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: Designed sequence of a 3'-primer incorporating
the BamHI
101      recognition site at the 5' terminal used for PCR amplification of
102      the scFv coding fragment
104 <400> SEQUENCE: 6
105 attaggatcc gcgcgtttaagg acggtcagg      29
108 <210> SEQ ID NO: 7
109 <211> LENGTH: 18
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: Designed sequence of a 5'-primer used for PCR
amplification of
115      the coding fragment of the human antibody heavy chain fA1
116      constant region
118 <400> SEQUENCE: 7
119 caagcttcaa gggcccat      18
122 <210> SEQ ID NO: 8
123 <211> LENGTH: 19
124 <212> TYPE: DNA
125 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: Designed sequence of a 3'-primer used for PCR
amplification of
129      the coding fragment of the human antibody heavy chain fA1
130      constant region
132 <400> SEQUENCE: 8

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133 atttacccgg agacaggga

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136 <210> SEQ ID NO: 9
137 <211> LENGTH: 35
138 <212> TYPE: DNA .
139 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: Designed sequence of a 5'-primer incorporating
the BamH I
143 · recognition site at the 5' terminal used for PCR amplification of
144 the coding fragment of the human antibody heavy chain fA1 Fc
145 region
147 <400> SEQUENCE: 9
148 attaggatcc gagcccaa at cttgtgacaa aactc 35
151 <210> SEQ ID NO: 10
152 <211> LENGTH: 30
153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: Designed sequence of a 3'-primer incorporating
the Hind III
158 · recognition site at the 5' terminal used for PCR amplification of
159 the coding fragment of the human antibody heavy chain fA1 Fc
160 region
162 <400> SEQUENCE: 10
163 agcaagctt catttacccg gagacaggga 30
166 <210> SEQ ID NO: 11
167 <211> LENGTH: 30
168 <212> TYPE: DNA
169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: Designed sequence of a 5'-primer used for PCR
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173 · 393 bp fragment in the gene of scFv
175 <400> SEQUENCE: 11
176 gtcttattag cggtgcttgt agtagcacaa 30
179 <210> SEQ ID NO: 12
180 <211> LENGTH: 25
181 <212> TYPE: DNA
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Designed sequence of a 3'-primer used for PCR
amplification of a
186 · 393 bp fragment in the gene of scFv
188 <400> SEQUENCE: 12
189 gagacttctg ctggtaccag ccata 25
192 <210> SEQ ID NO: 13
193 <211> LENGTH: 30
194 <212> TYPE: DNA
195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: Designed sequence of a 5'-primer used for PCR
amplification of a
199 · 311 bp fragment in the gene of GFP
201 <400> SEQUENCE: 13

202 agtcaccct gaaattcatc tgccaccactg

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205 <210> SEQ ID NO: 14
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208 <213> ORGANISM: Artificial Sequence
210 <220> FEATURE:
211 <223> OTHER INFORMATION: Designed sequence of a 3'-primer used for PCR
amplification of a
212      311 bp fragment in the gene of GFP
214 <400> SEQUENCE: 14
215 gttgtattcc agcttgcggc cgagaatgtt
218 <210> SEQ ID NO: 15
219 <211> LENGTH: 27
220 <212> TYPE: DNA
221 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: Designed sequence of a 5'-primer used for PCR
amplification of a
225      355 bp fragment in the gene of GFP
227 <400> SEQUENCE: 15
228 caacactggc cactaccc acctatg
231 <210> SEQ ID NO: 16
232 <211> LENGTH: 25
233 <212> TYPE: DNA
234 <213> ORGANISM: Artificial Sequence
236 <220> FEATURE:
237 <223> OTHER INFORMATION: Designed sequence of a 3'-primer used for PCR
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238      355 bp fragment in the gene of GFP
240 <400> SEQUENCE: 16
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244 <210> SEQ ID NO: 17
245 <211> LENGTH: 26
246 <212> TYPE: DNA
247 <213> ORGANISM: Artificial Sequence
249 <220> FEATURE:
250 <223> OTHER INFORMATION: Designed sequence of a 5'-primer used for PCR
amplification of a
251      317 bp fragment in the gene of ovalbumin
253 <400> SEQUENCE: 17
254 cgctttgata aacttccagg attcg
257 <210> SEQ ID NO: 18
258 <211> LENGTH: 27
259 <212> TYPE: DNA
260 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: Designed sequence of a 3'-primer used for PCR
amplification of a
264      317 bp fragment in the gene of ovalbumin
266 <400> SEQUENCE: 18
267 catcttagctg tcttgcttaa gcgtaca

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VERIFICATION SUMMARY
PATENT APPLICATION: US/10/585,693

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